

## 410 BlueNotes

An optional software package that can also improve throughput, enhance precision and extend the utility in all of the Model 410 Flame Photometers.

## Model 420 Dual Channel Flame Photometer

Developed to improve the productivity and analytical performance of the laboratory when measuring Sodium and Potassium. In dual mode both Sodium and Potassium results are obtained simultaneously halving the measuring time. Supplied with BlueNotes 420 software package.

## Model 425 Dual Channel Flame Photometer

Based on Model 420 with an additional detector and filter for Calcium determination. It also offers the 301 mode feature which allows connection to a number of the more popular continuous flow systems. Supplied with BlueNotes 420 software package.

## 420 BlueNotes

This software not only enables the instruments to perform sample analyses outside the linear response range but also facilitates measurement of all elements simultaneously.

\*\*Both the Model 420 and the Model 425 Flame Photometers have an RS232 output for printer or computer connection and are compatible with the Model 860 Autosampler for unattended sample analysis.

This equipment will only operate with the correct type of air compressor and gas regulator, as specified.

- The Model 851 compressor, is purpose built for use with these flame photometers. A primary regulator at the gas source is required, (select from Butane, Propane, a mixture of the two, or Natural gas). The secondary regulator is built-in to the Flame Photometer. Propane, Butane or LPG from a cylinder source are the preferred fuels. Natural gas may only be used with the appropriate Model 360 or with the Model 410 if a Natural Gas Regulator kit, FP/35022, is purchased and fitted.

## Model 805 Diluter

Compatible with all models, designed for the 200:1 ratio used for diluting Na and K solutions from clinical samples, it can also be used for a 50:1 ratio for clinical Lithium samples.

## Model 860 Autosampler

With 40 sample capacity; separate positions for blank and calibrant; designed for use with all Sherwood Flame Photometers\* (except the Model 360). Works with 410 and 420 software packages, with or without the 805 diluter.

\* The Model 410 Flame Photometers require a Digital Interface and 410 Software to run with the M860 Autosampler.

Cat. No.	Description
FP/35100	Flame photometer Industrial M360 series for Propane/Butane
FP/35102	Flame photometer Industrial M360 series for Natural gas
FP/35104	Flame photometer Clinical M360 series for Propane/Butane
FP/35002	Flame photometer model 410 Classic with Sodium, Potassium and Calcium filters
FP/35040	Flame photometer model 410 Industrial with Sodium, Potassium and Calcium filters
FP/35042	Flame photometer model 410 Clinical with Sodium, Potassium and Lithium filters
FP/35004	Flame photometer model 420 Clinical with Sodium, Potassium and Lithium filters
FP/35044	Flame photometer model 425 Industrial with Sodium, Potassium, Lithium and Calcium filters

### Accessories

FP/35006	Compressor model 851 230 V
FP/35008	Compressor model 855 with moisture trap 230 V (not suitable for model 410)
FP/35014	Continuous flow auto diluter Model 805
FP/35036	Auto sampler model 860 for models 420 and 425 providing Bluenotes software is installed
FP/35038	Bluenotes software package upgrade for 410
FP/35020	Digital interface / lineariser model for 410
FP/35022	Natural gas regulator kit (with gas filter) for models 360 and 410
FP/35024	Propane regulator
FP/35026	Butane regulator (Camping Gaz)
FP/35028	Butane regulator (15 kg)
FP/35030	Interference filter, calcium
FP/35032	Interference filter, barium
FP/35033	Interference filter, lithium
FP/35034	Spare filter holder

### Reagents

FP/31002	Sodium standard 1000ppm 6 x 100ml
FP/31004	Potassium standard 1000ppm 6 x 100ml
FP/31006	Lithium standard 1000ppm 6 x 100ml
FP/31008	Calcium standard 1000ppm 6 x 100ml
FP/31018	Standard 100ml, for Na 140ppm, K 5ppm, Li 1.5ppm



FP/35004



FP/35008



FP/35014



FP/35036